



## Department of Physics Faculty of Science / University of Peradeniya



### Dr. E.N. Jayaweera

*B.Sc., Ph.D. (Perad.)*

**Senior Lecturer**

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### About Me

I received my B.Sc. (Special Degree in Physics) in 2010, and my Ph.D. in 2016 from the University of Peradeniya, Sri Lanka. I worked as a Postdoctoral Researcher at the Department of Electrical and Computer Engineering, Sungkyunkwan University in South Korea from 2017 to 2019. I then worked as a Postdoctoral Researcher at Sri Lanka Technological Campus from 2019 to 2020. I joined the Department of Physics in December 2020. My research interests include dye-sensitized solar cells and micro-scale energy harvesting.

### Higher Education Qualifications

🎓 **BSc**

University of Peradeniya  
Sri Lanka  
(2010)

🎓 **PhD**

University of Peradeniya  
Sri Lanka  
(2016)

## Awards, Scholarships, Memberships & Fellowships



President's Award for Scientific Publications (for 2014 and 2015)

## Positions Held



Secretary, Physics Departmental Committee- (2021-2022)










Postdoctoral Researcher at Sungkyunkwan University, South Korea- (2017-2019)



Postdoctoral Researcher at Sri Lanka Technological Campus- (2019-2020)

## My Teachings

-  AS463: Energy; Sources and Conservation
-  PH366: Physics of Atmosphere Weather and Climate
-  PH374: Experimental Techniques and Material Characterization
-  PH455: Polymer Physics
-  PHY2112: Vibration and Waves
-  PHY3602: Solid State Physics I
-  PHY3872: Introductory Nanoscience

## Research Interests (Research Fields/ Projects)

Dye-sensitized Solar Cells, Triboelectric Nanogenerators

## Ongoing Research and Projects



Nothing to show under this subheading !!!

## Key Publications



Nothing to show under this subheading !!!

## Conferences



Nothing to show under this subheading !!!

## My Publications

Please goto the website.

<https://sci.pdn.ac.lk/physics/staff/Eranji-Jayaweera>